

**United States Patent** [19]  
**Chen**

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[54] **ANASTOMOSIS DEVICE**

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[57] **ABSTRACT**

An anastomosis device for interconnecting the ends of two tubular organs has, in a preferred embodiment, two circular members, each member having an outer region engagable against the contact surface of the outer region of the other member. When so engaged, both members are concentrically disposed about a common axis. Both members also have an inner region disposed concentrically within the outer region and including a concentric opening for receiving the end of a tubular organ. Both members also have a series of pins mounted in the inner region, disposed around the periphery of the opening and nearly parallel to the common axis so that the exposed ends of the pins approximately define a plane, for holding the ends of the tubular organ inserted into concentric opening.

20 Claims, 8 Drawing Sheets

